



March 4, 2024

Hello GDPE Community,

If you have not yet received an email, you soon will receive one that announces that applications and nominations are now being accepted for our 2024 GDPE Graduate Student Awards. The award categories are Outstanding Publication, Excellence in Mentoring/Teaching, Outstanding Impact, and Broadening Participation in Ecology.

GDPE students or faculty members may nominate students, but GDPE students are also encouraged to apply directly for these awards.

There is no doubt that our GDPE students publish high-quality science with great impact, excel at teaching and mentoring, and are committed to broadening participation in ecology. So, please take some time to nominate a colleague or yourself. Awards strengthen a CV...and awards with cash? Even better!

More information can also be found on the GDPE webpage. Click on "Current Students" then "Graduate Student Awards".

Have a great week.

Alan Knapp

Your GDPE Senior Ecologist

A Note About the Digest: Since this digest comes from a non-CSU email address, you may need to click "trust content from this external sender" in Outlook to see images, or you could be missing important information each week!



GDPE Event Calendar

DEADLINES

GDPE Deadlines

March 22 - GDPE Student Awards [due](#)

Other Deadlines

March 15 - Sigma Xi [Grains in Aid of Research](#)

Find all of the deadline details on the CSU Graduate School's website [here](#).
Find all of the registration details on the CSU Registrar's website [here](#).

GDPE EVENTS & ANNOUNCEMENTS



Thanks to everyone who attended the Distinguished Ecologist Seminar on Wednesday! Dr. Naomi Pierce gave a wonderful seminar and we had a great turnout from students and faculty. It was so nice to get together with the GDPE community and catch up with everyone.

Our next DE Seminar will be on March 20th, and we will be welcoming Dr. Jianguo Liu from Michigan State University. Check out the details below!

Distinguished Ecologist Seminar

Our next **Visiting Distinguished Ecologist**, Dr. Jianguo Liu, will be giving his seminar "*Systems Integration for Global Sustainability*" on **Wednesday, March 20th at 4:00pm** in the LSC University Ballroom.

Once again, refreshments will be served from 3:30-4:00pm and there will be a reception directly following the seminar at 5:00pm. We hope to see you all there!

JIANGUO LIU
Michigan State University
Professor
Center for Systems Integration
and Sustainability

"Systems Integration for Global Sustainability"

20 March 2024 4:00pm LSC University Ballroom

Tea and Cookies at 3:30pm
Reception at 5:00pm



Ecology graduate student recognized for agriculture and climate change research

GDPE in the News

GDPE student Erin Jackson was recently featured in a CSU SOURCE article for winning first place in the Top Scholars Award for University-Wide Graduate Programs at the 2023 Graduate Student Showcase. She was awarded for her work in supporting the creation of the USDA-funded [National Climate Change Roadmap](#).

Awesome job, Erin! Check out the article [here](#).

Happy Hour at the Colorado Room

Kick off spring break with a GDPE happy hour

at the [Colorado Room](#) this Thursday (March 7th) from 5:30 - 7:30 pm.

GDPE students, friends, and plus-one's are welcome!



STUDENT DEFENSES

Ph.D. Defense Seminar Nathan Teich

*Exploring the Importance of Abundance
Governing Factors for Invasive Plant Species
Distribution Models*

March 20, 2024
1:00 p.m.
AgBio Room E005

A poster for Nathan Teich's Ph.D. defense seminar. The title is "Exploring the importance of abundance governing factors for invasive plant species distribution models". It includes his name, advisor (Cynthia S. Brown, PhD), committee members (Ian Pearse, PhD, USGS; Catherine Jarnevich, PhD, USGS; Paul Evangelista, PhD, NREU), date (March 20th, 2024), and time/location (1pm @ CAS AgBio Classroom E005). There is a photo of Nathan Teich, a QR code, and a meeting ID: 217 407 862 111. Logos for the Graduate Degree Program in Ecology and the College of Agricultural Sciences are at the bottom.

A poster for Giovana Matos Franco's Ph.D. defense seminar. The title is "Plant-mediated interactions between herbivory and soil microbial communities in biocontrol programs of Russian knapweed". It includes her name, advisor (Dr. Paul Ode), date (March 21st, 2024, 10am), and committee members (Dr. Ian Pearse, Dr. Melinda Smith, Dr. Pankaj Trivedi). There is a photo of Giovana Matos Franco, a diagram of a plant with soil microbes, and logos for the Graduate Degree Program in Ecology and the College of Agricultural Sciences.

Ph.D. Defense Seminar Giovana Matos Franco

*Plant-Mediated Interactions Between Herbivory
and Soil Microbial Communities in Biocontrol
Programs of Russian Knapweed*

New Date: March 21, 2024
10:00 a.m.
Room Details TBA

NON-ECOLOGY CSU EVENTS

GDPE Alum Catherine Tait: Unveiling the Black Box of Publishing

Please welcome Catherine Tait, a GDPE alum and Scientific Editor with One Earth, Cell Press next week on **Tuesday, March 5th at 4pm in Bio 136**. Catherine will be speaking on "Unveiling the Black Box of Publishing: Navigating Editorial Decisions, Peer Review, and Reader Engagement" so save the date and stop by to join the discussion. Snacks and drinks will be provided!



A poster for Catherine Tait's talk. It features the Biology logo at the top, followed by the title "UNVEILING THE BLACK BOX OF PUBLISHING: Navigating Editorial Decisions, Peer Review, and Reader Engagement". The date and time are "Tuesday, March 5th 4:00 PM - 5:00 PM Biology 136". The speaker is Catherine Tait, Scientific Editor at One Earth, Cell Press. The host is Abbie Reade. There is a QR code at the bottom right with the text "Scan the QR code for more information on our seminars".

UCSB'S NATIONAL CENTER FOR ECOLOGICAL ANALYSIS AND SYNTHESIS
PRESENTS OUR 2024 SPRING SEMINAR SERIES:

**DIVERSITY, EQUITY, INCLUSION & JUSTICE
IN ENVIRONMENTAL DATA SCIENCE**

ZOOM REGISTRATION AT [NCEAS.UCSB.EDU/DEJ-SERIES](https://nces.ucsb.edu/dej-series)

LOURDES VERA
SUNY UNIVERSITY AT BUFFALO
THURSDAY MARCH 14, 2024 | 11 AM PT

"SEEKING ENVIRONMENTAL DATA JUSTICE
THROUGH FEMINIST ETHICS OF CARE"

KEARA LIGHTNING
UNIVERSITY OF ALBERTA
THURSDAY MAY 23, 2024 | 12 PM PT

"THE ECOLOGY OF POSSESSION:
DE-NATURALIZING COLONIAL ONTOLOGIES IN
ENVIRONMENTAL MANAGEMENT"

ERIC NOST
UNIVERSITY OF QUELPH
THURSDAY MAY 30, 2024 | 12 PM PT

"BRIDGING ENVIRONMENTAL AND
CONSERVATION DATA JUSTICE"

UCSB Seminar Series: DEIJ in Environmental Data Science

This series, which is recorded and open to the public, features three speakers who share their research approaches and findings as they relate to the intersections of ecology, environmental data science, equity, and environmental justice. For more details and to register click [here](https://nces.ucsb.edu/dej-series).

Lourdes Vera - March 14th, 1pm MT

Keara Lightning - May 23rd, 1pm MT

Eric Nost - May 30th, 1pm MT

Front Range Microbiome Symposium

The 2024 Front Range Microbiome Symposium will be held at the Alumni Center in the Canvas Stadium at Colorado State University on April 18-19, 2024. Registration is open now, and student registration is only \$20. Registration will remain open for attendance and abstract submission for poster presentations until we reach capacity.

This year's keynote speaker is Dr. Serita Frey from the University of New Hampshire, and the invited speakers include Dr. Mohit Verma from Purdue, Dr. Boahemaa Adu-Oppong from Pluton Biosciences, and Dr. Matt Olm from the University of Colorado at Boulder. More information [here](#).

**FRONT RANGE
MICROBIOME SYMPOSIUM
2024**

April 18th-19th, 2024
Colorado State University Alumni Center
Abstract and Registration opens January 16th, 2024
frontrangemicrobiomesymposium.com

KEYNOTE SPEAKER
Dr. Serita Frey
Univ. of New Hampshire

Dr. Mohit Verma
Purdue University

Dr. Boahemaa
Adu-Oppong
Pluton Biosciences

Dr. Matt Olm
Univ. Colorado-Boulder

MICROBIOME NETWORK
COLORADO STATE UNIVERSITY

VICE PRESIDENT
FOR RESEARCH
COLORADO STATE UNIVERSITY

NREL WRITES

SPRING 2024
Thursday mornings 9-12
JAN 25 - APR 25, 2024
Hosted on MS-Teams. [Click Here](#)

NREL Writes is designed for researchers (faculty, graduate students, soft money research associates, postdoctoral fellows) to facilitate collaborations and writing productivity. NREL Writes provides topical presentations, weekly writing sessions, that create low-stakes accountability to enhance individual and collaborative writing success.

Co-facilitated sessions with
Dr. Julie Heinrichs, NREL
Dr. Kristina Guynn, CSU Writes
Kim Conno, CSU Writes

JAN 25 - APR 25 (WEDS, 9am-12pm)
WEEKLY WRITING SESSIONS
Weekly "show up & write," sessions and accountability check ins. Held on MS-Teams.
Feel free to send discussion topics to Julie or Kristina.

APR 29 - MAY 3, 9am-12pm
(optional afternoon 1-4pm)
WRITING RETREAT
Build momentum on your projects! at the close of the semester with a 3-day retreat. You can make significant progress on your project and with colleagues at NREL Writing Retreats.

Additional offerings may be added during the semester to serve NREL writes' interests and needs.

Colorado State University

CSU WRITES
@nrelwrites

NREL Writes Spring 2024

NREL Writes is designed for researchers (faculty, graduate students, soft money research associates, postdoctoral fellows) to facilitate collaborations and writing productivity. NREL Writes provides topical presentations, weekly writing sessions, that create low-stakes accountability to enhance individual and collaborative writing success.

Weekly Writing Sessions:

Thursdays from 9 AM - 12PM (hosted on Teams)

Writing Retreat:

April 29 - May 3, 9 AM - 12 PM
(+ optional afternoon 1 - 4 PM)



Recent Publications and Highlights

Erin Jackson wins first place at AAAS student competition

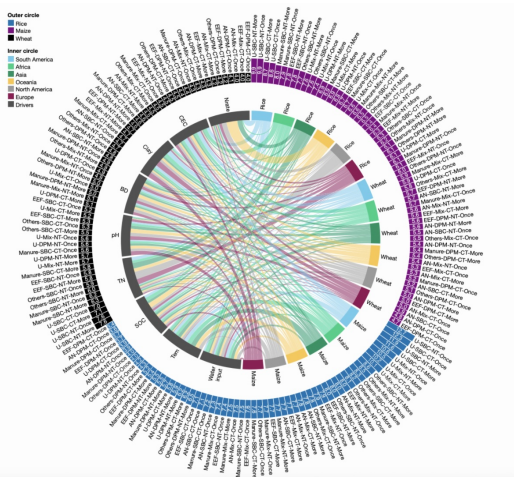
GDPE student Erin Jackson won first place in the American Association for the Advancement of Science (AAAS) 2024 Graduate Student Poster Competition. Congratulations, Erin!



**TOWARD
SCIENCE
WITHOUT
WALLS**

AAAS ANNUAL MEETING
Denver, CO | February 15-17

#AAASmtg



Fertilizer management for global ammonia emission reduction

Nature - January 2024

In this recently published Nature paper, GDPE member **Anping Chen** and a team of researchers used a machine-learning model to generate crop-specific and spatially explicit ammonia emission factors globally.

Read the full paper [here](#), and check out a related press release [here](#).

Share your Recent Publication or Research Highlight

JOBS, GRANTS, & INTERNSHIPS

McPherson Graduate Scholarships

Two McPherson Graduate Scholarships will be available for the academic year of 2024-2025. Each scholarship carries an award of \$10,000 (renewable), plus resident tuition. Students planning to study in any discipline or department are eligible. The scholarships are awarded to new applicants to Colorado State University's Graduate School and cover the first year of graduate study with the opportunity for renewal by applying for renewal in the second year. **Applications will be accepted beginning Feb. 15, 2024**, and award decisions will be made on a rolling basis until both scholarships have been awarded. Click [here](#) for details.

Graduate Student Fellowship at California State University, Los Angeles

Application due March 15

This project will examine overall patterns of watershed and riparian function in East River Colorado and LA River, as modern paired watershed systems of different land use. Work will focus on fire ecohydrology and disturbance of these watersheds, and analyzing solute/nutrient flux, isotope hydrology. An annual stipend of \$22,000 will be provided. Inquiry Contact: Send Project Director Dr. Barry Hibbs an email with DOE-ER-LARIVER in subject line at: bhibbs@calstatela.edu and to co-PI Dr. Jingjing Li at jli104@calstatela.edu

Postdoc Position - Lamont-Doherty Earth Observatory of Columbia University

The [Lamont-Doherty Earth Observatory of Columbia University](#) in Palisades, New York invites applications for a Postdoctoral Research Scientist position to conduct collaborative research under the mentorship of Lamont-Doherty researchers with expertise in climate dynamics, climate modeling, and geochemical proxy reconstructions. The NSF-sponsored research will focus on understanding how orbital insolation changes influenced the climate of the Mediterranean, as reflected in paleoclimate archives and global climate model simulation, and on the implications of past mechanisms for understanding and sharpening climate projections for the region. Click [here](#) to learn more and apply.

Water Use and Natural Capital Accounts Research Positions

Northern Arizona University in partnership with the U.S. Geological Survey is searching for team members to support a new effort to produce an accounting of the role of water use in the United States within the nation's Natural Capital Accounts. This scientific effort will utilize tools and methods including distributed national scale hydrologic modeling, national water use data, and the System of Environmental Economic Accounting. Positions will be advertised soon for a Postdocs, Research Assistant Professor, Research Analyst (BS/MS), and/or Ph.D. Graduate Research Assistants. Please direct inquires to Dr. Ben Ruddell at benjamin.ruddell@nau.edu. See [here](#) and [here](#) for more information.

Montana Cooperative Fishery Research Unit Program Manager

The Program Manager administers and executes all day-to-day operations of the MT Cooperative Fishery Research Unit (MTCFRU). These include financial management (grant and non-grant, resources and budgets), personnel management (hiring and payroll for research scientists, graduate students, and technicians), fleet management (10 vehicles, 11 research vessels), purchasing management (95% of federal and MSU Unit purchasing), and reporting, record keeping, and inventory (federal and state) associated with Unit. Click [here](#) for details.

Assistant Professor of Applied Quantitative Ecology

The Ecology Department at Montana State University seeks applicants for a tenure-track Assistant Professor of Applied Quantitative Ecology whose research uses cutting-edge quantitative approaches, including decision science, to address conservation challenges and who can contribute to undergraduate and graduate education. Click [here](#) for details.

Submit a Job Announcement

GDPE Social Listserv - Please make sure to sign up [here](#) for the GDPE Social Listserv to keep up with all the fun events we have planned this year!

GDPE Student Teams Channel - Join our Teams Channel [here](#) for all GDPE-related questions, ideas, and discussions with fellow students.

Submit Photos

We want your photos! What are you up to, how is your field and lab work? Share them with us here.



GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY



CSU Graduate Degree Program in Ecology | Colorado State University, Johnson Hall rm 102,
Fort Collins, CO 80523-1021

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